READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE

This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electric shock, turn off electricity at fuse box before proceeding.

Retain these instructions for maintenance reference.

INSTRUCTION SHEET NO.

IS:CACS

A0604

INSTALLATION PROCEDURE FOR: CEILING MOUNT STEM KIT CACS AND C4CS SERIES USED WITH CEILING MOUNT CYLINDERS (ORDER SEPARATELY)

WARNING: USE ONLY FIXTURE PROVIDED BY LIGHTOLIER. USE OF OTHER MANUFACTURES' FIXTURES MAY VOID THE UNDERWRITERS LABRATORIES LISTING AND COULD CONSTITUTE A FIRE HAZARD.

INSTALLATION OF STEM KIT ONTO CEILING (Fig. 1 & 2)

(NOTE: If custom length is required see page 2.)

1. Assemble STEM to BALL ALIGNER using set screws. Pull wires through BALL ALIGNER leaving no less than 6" exposed.
2. For sloped ceilings, position opening in CROSSBAR facing upward. (Fig. 2) Install CROSSBAR using OUTLET BOX SCREWS.
3. Place BALL ALIGNER of STEM into CROSSBAR through side access hole. When seated the BALL ALLIGNER keyway will line up with TAB on CROSSBAR.
4. Slide SAFETY STRAP into position and secure in position with screw.
5. Make Connections. Bare Copper and/or green insulation wire(s) must be connected to SUPPLY GROUND. Connect WHITE LEAD to NEUTRAL (WHITE) SUPPLY LEAD. Connect BLACK LEAD to HOT SUPPLY LEAD. Use wire nuts (local hardware items). Push spliced leads into outlet box.

6. Slide CANOPY over CROSSBAR and push up against ceiling.
7. Insert SUPPORT COVER onto stem, secure with LOCK WASHER and LOCK NUT.

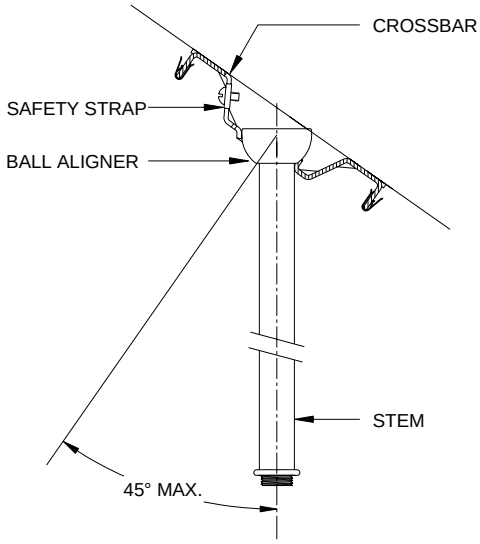

FIG. 2

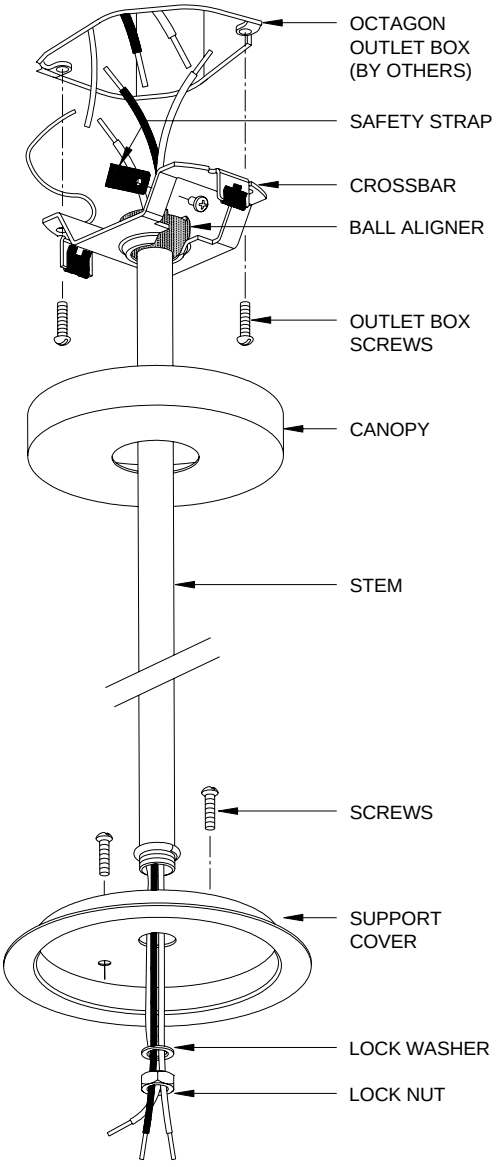

FIG. 1

INSTALLATION PROCEDURE FOR: CEILING MOUNT STEM KIT CACS AND C4CS SERIES USED WITH CEILING MOUNT CYLINDERS (ORDER SEPARATELY)

WARNING: USE ONLY FIXTURE PROVIDED BY LIGHTOLIER. USE OF OTHER MANUFACTURES' FIXTURES MAY VOID THE UNDERWRITERS LABRATORIES LISTING AND COULD CONSTITUTE A FIRE HAZARD.

INSTALLATION OF CEILING MOUNT CYLINDER TO STEM (Fig. 1 & 3)

1. Attach (2) SPRING CLIPS to CYLINDER HOUSING by sliding SPRING CLIPS onto (2) raised pockets on top of CYLINDER HOUSING. NOTE: Discard SPRING CLIPS for Cylinders which do not have the raised pockets; these cylinders have integral tap holes. (Fig. 3)
2. For C7CS series cylinders, tear off the fiberglass pad from top of cylinder. The remaining fiberglass pad can be left inside of SUPPORT COVER or removed. (Fig. 4)
3. Make Connections. Bare Copper and/or green insulation wire(s) must be connected to SUPPLY GROUND. Connect WHITE BALLAST LEAD to NUETRAL (WHITE) SUPPLY LEAD. Connect BLACK BALLAST LEAD to HOT SUPPLY LEAD. Use wire nuts (provided). Place spliced leads into SUPPORT COVER.
4. Align (2) holes in SUPPORT COVER with (2) SPRING CLIPS or Tap holes, then tighten with (2) SCREWS (provided). (Fig. 1 & 3)

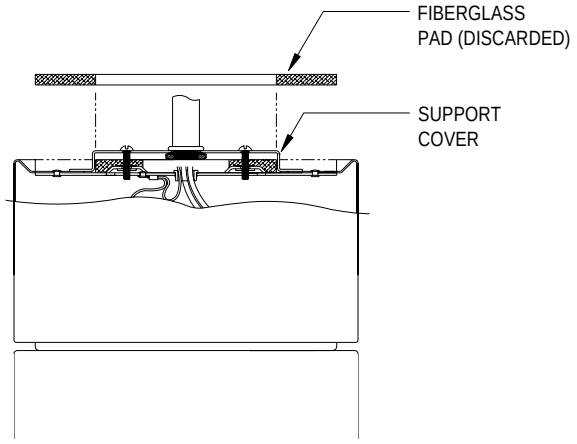

FIG. 4

INSTRUCTIONS FOR SHORTENING STEM

ATTENTION: Cut end with smaller diameter holes only. (Fig.1)
CAUTION: Eye protection should always be worn when using hand and power tools during the cutting procedure outlined below.

1. Using pipe cutting tool, shorten STEM to appropriate length. Clean all burrs and sharp edges from cut end of Stem.
2. Position DRILL LOCATOR over cut end of STEM (Fig. 5). Gently tap down on DRILL LOCATOR until fully seated on end of STEM.
3. Position CENTER PUNCH into bottom SLOT in DRILL LOCATOR and mark a small dimple in STEM (Fig. 6).
4. Align 1/8" DRILL BIT (local hardware item) into bottom slot of DRILL LOCATOR so tip of DRILL BIT rests in dimple (Fig. 7).
5. Drill hole completely through STEM allowing DRILL LOCATOR to guide DRILL BIT. Do not force DRILL BIT. '' hold DRILL LOCATOR securely in a vise or other device prior to drilling hole.

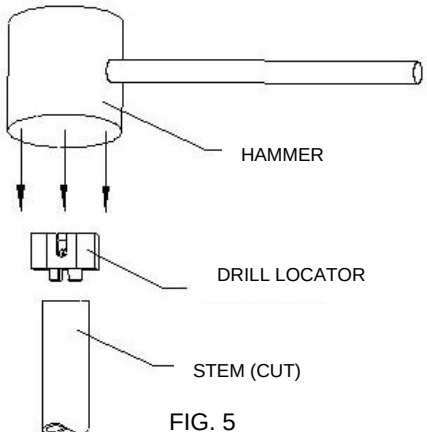

FIG. 5

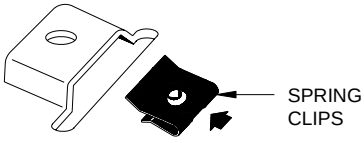

FIG. 3

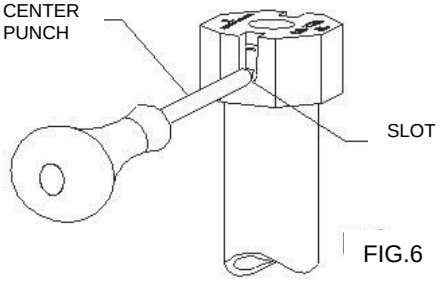

FIG.6

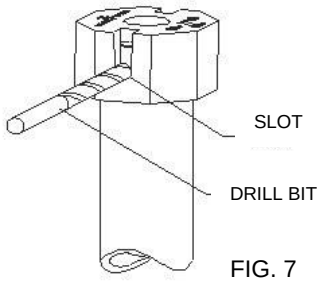

FIG. 7